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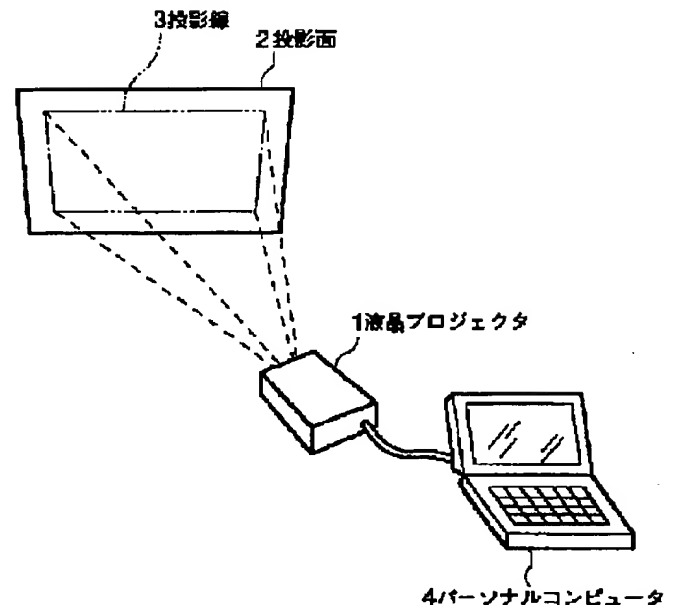
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TITLE : IMAGE PROJECTOR



ABSTRACT : PROBLEM TO BE SOLVED: To make it possible to project an image to a projection face without generating distortion by finding out a parameter related to the distortion of the image on the projection face and correcting the distortion based on the parameter.

SOLUTION: When a calibration mode is set up by user's key operation, a reference picture pattern stored in a storage device of a personal computer 4 is projected to the projection face 2 by a liquid crystal projector 1. A user measures the point coordinates of a prescribed position on the reference picture pattern image 3 by using a prescribed tool and keys the measured coordinate data to a personal computer 4. At the time of completing the input of the coordinate data, a correction parameter related to the distortion of the image on the projection face 2 is calculated. Converted picture data are registered in the storage device of the personal computer as corrected picture data. Picture data conversion processing based on the correction parameter is successively applied to all picture data stored in the storage device.

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